

DAT notes for January 19, 2012

Attendees: Edmund Yu and Wenli Yin (DWR), Shing Kong (CCWD), Geir Aasen (CDFG), Jon Speegle (FWS), RG Fernando (MWD) and Tom Boardman (SLDMWA)

Salmonid Monitoring

Species*	Red Bluff Diversion Dam RST	Tisdale Weir RST	Knights Landing RST
Date	1/1/2012 - 1/14/2012	1/13/2012-1/18/2012	1/13/2012-1/18/2012
CHNF	230,488	1	
CHNLF	761		
CHNW	5,707		
CHNS	217		
CHN hatchery		21	1
SH wild	33		
SH hatchery			
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead			

A summary of Chinook monitoring data can be found at:

<http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

Hatchery Releases: Coleman National Fish Hatchery plans to release about 80,300 BY 2011 late-fall Chinook (100% marked, average 135 mm fl) on Jan 20. This group of fish represents the third group spring-run surrogates and will be monitored for incidental take at the State and Federal water export facilities.

Delta Monitoring

Trawl and Seine Report for 1/8/2012 to 1/14/2012				
Species*	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
CHNF	10		3	
CHNLF				
CHNW				
CHNS	2			
CHN hatchery				3
SH wild				
SH hatchery				1
DSM	4			10
LFS				
SPLT				
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail				

Most Chinook were caught in the Sacramento area beach seines (Verona). Delta smelt were caught in the Liberty Island beach seine. Delta smelt at Chipps Island were 52-68 mm with no expression.

Salvage

Salmonids - Salvage report for 1/9/2012 to 1/18/2012								
	CVP				SWP			
Species	Adipose Clip Hatchery		Non-Adipose Clip Wild		Adipose Clip Hatchery		Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF								
Total to Date								
CHNLF	10*	8						
Total to Date	10	8	19	13				
CHNW								
Total to Date								
CHNS								
Total to Date								
SH								
Total to Date							8	35
Chinook race based on length; Adipose clips indicates hatchery stock; Non-adipose clip indicates natural origin. SWP steelhead loss = salvage x 4.33, CVP steelhead loss = salvage x 0.68.								

Smelts and Others – Salvage report for 1/9/2012 to 1/18/2012				
	CVP		SWP	
Species	Salvage	Total to Date	Salvage	Total to Date
DSM	4**	4		
LFS				
SPLT	0	178	12	3,739
GST				
WST	0	60		
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon				

*Two of the adipose fin-clipped Chinook salmon were originally reported as being winter-run Chinook based on the length of fish at date table, but were later verified as being late-fall run Chinook using the tag information.

** The first delta smelt that was observed at the CVP yesterday (1/18/2012) was a male, 67 mm.

Chinook salmon, steelhead, and sturgeon salvage information is also posted at <ftp://ftp.dfg.ca.gov/salvage/> and you can locate the tables under folder "DOSS salvage tables" (you can also try <http://www.dfg.ca.gov/delta/apps/salvage/Default.aspx>) and click on "salvage FTP site").

Smelt Monitoring

As a reminder, CDFG's Smelt Larval Survey (to track larval longfin smelt distribution) began on 1/9/12 and the Spring Kodiak Trawl (to track adult delta smelt distribution) began on 1/17/12.

Smelt Working Group

An update from FWS was provided after the call.

DOSS

An update from NMFS was provided after the call.

Operations

Summary for January 19, 2012			
SWP		CVP	
Clifton Court (cfs)	4,000	Jones Pumping Plant (cfs)	1,900
Outflow (cfs)	6,200	American - Nimbus (cfs)	1,700
Feather - Oroville (cfs)	1,750	Sacramento - Keswick (cfs)	4,300
San Luis Total (TAF)	1,954	Stanislaus - Goodwin (cfs)	
San Luis Share (TAF)	991	San Luis Share (TAF)	
X2 (Km)	>81		
E/I (%)	43.6		
OMR (daily)			
OMR 5 day (cfs)	-4,861		
OMR 14 day (cfs)	-4,794		

Daily operations summary can be viewed at:

<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

Next meeting: The next DAT conference call is scheduled for January 26, 2012 at 11:00am.